

400 Garden City Plaza
Garden City, New York 11530
(516) 742-4343 - Telephone
(516) 742-4366 - Facsimile
e-mail: intrprop@ssmp.com

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To:	Examiner J.A. Garcia Group Art Unit: 2823	From:	Leslie S. Szivos, Ph.D.
Fax:	703-872-9306	Pages:	7 including cover
Phone:		Date:	8/2/2004
Re:	Cyril Cabral, Jr., et al. U.S. Patent Appln. No. 10/643,534 Our Docket: YOR920030194US1 (16695)	CC:	

XX Urgent ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**


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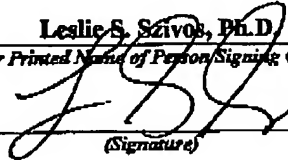
1. Amendment Transmittal in duplicate
2. Response under 37 CFR 1.111 and 1.143
3. Certificate of Facsimile

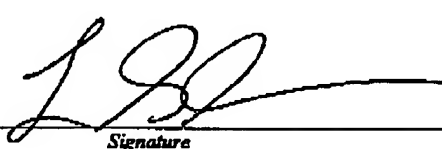
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AMENDMENT TRANSMITTAL LETTER (Large Entity)					Docket No. YOR920030194US1 (16695)	
Applicant(s): Cyril Cabral Jr., et al.						
Application No. 10/643,534	Filing Date 8/19/2003	Examiner J.A. Garcia	Customer No. 23389	Group Art Unit 2823	Confirmation No. 4259	
Invention: ATOMIC LAYER DEPOSITION OF METALLIC CONTACTS, GATES AND DIFFUSION BARRIERS						
COMMISSIONER FOR PATENTS:						
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.						
CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	30	30	0 x	\$18.00	\$0.00	
INDEP. CLAIMS	3	3	0 x	\$86.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.						
 Signature			Dated: August 3, 2004			
Leslie S. Szivos, Ph.D. Registration No. 39,394			I certify that this document and fee is being deposited on 8/3/2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22312-1450.			
CC:			Signature of Person Mailing Correspondence Leslie S. Szivos, Ph.D. Typed or Printed Name of Person Mailing Correspondence			

P11LARGE/REV07

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)			Docket No. YOR920030194US1 (16695)
Applicant(s): Cyril Cabral, Jr., et al.			
Application No. 10/643,534	Filing Date 8/19/2003	Examiner J.A. Garcia	Group Art Unit 2823
Invention: ATOMIC LAYER DEPOSITION OF METALLIC CONTACTS, GATES AND DIFFUSION BARRIERS			
<p>I hereby certify that this <u>RESPONSE UNDER 37 CFR 1.111 AND 1.143</u> (Identify type of correspondence)</p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9306</u>)</p> <p>on <u>August 3, 2004</u> (Date)</p> <p style="text-align: center;"><u>Leslie S. Szivos, Ph.D.</u> (Typed or Printed Name of Person Signing Certificate)</p> <p style="text-align: center;"> (Signature)</p> <p style="text-align: center;">Note: Each paper must have its own certificate of mailing.</p>			

AMENDMENT TRANSMITTAL LETTER (Large Entity)					Docket No. YOR920030194US1 (16695)	
Applicant(s): Cyril Cabral Jr., et al.						
Application No. 10/643,534	Filing Date 8/19/2003	Examiner J.A. Garcia	Customer No. 23389	Group Art Unit 2823	Confirmation No. 4259	
Invention: ATOMIC LAYER DEPOSITION OF METALLIC CONTACTS, GATES AND DIFFUSION BARRIERS						
<u>COMMISSIONER FOR PATENTS:</u>						
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.						
CLAIMS AS AMENDED						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	30 -	30 =	0 x	\$18.00	\$0.00	
INDEP. CLAIMS	3 -	3 =	0 x	\$88.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00	
<p><input checked="" type="checkbox"/> No additional fee is required for amendment.</p> <p><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____</p> <p><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-0510/IBM</p> <p><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.</p> <p><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.</p>						
 Signature			Dated: August 3, 2004			
Leslie S. Szivos, Ph.D. Registration No. 39,394			I certify that this document and fee is being deposited on 8/3/2004 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.			
CC:			Signature of Person Mailing Correspondence Leslie S. Szivos, Ph.D. Typed or Printed Name of Person Mailing Correspondence			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**Applicant(s):** Cyril Cabral Jr., et al.**Examiner:** J.A. Garcia**Serial No:** 10/643,534**Art Unit:** 2823**Filed:** August 19, 2003**Docket:** YOR920030194US1 (16695)**For:** ATOMIC LAYER DEPOSITION OF
METALLIC CONTACTS, GATES AND
DIFFUSION BARRIERS**Dated:** August 3, 2004**Confirmation No.:** 4259Commissioner for Patents
United States Patent Office
Alexandria, VA 23313-1450RECEIVED
CENTRAL FAX CENTER
AUG 03 2004**RESPONSE UNDER 37 C.F.R. §§1.111 AND 1.143**

Sir:

In response to the Office Action dated July 26, 2004, applicants provisionally elect, without traverse, the subject matter of Group I, i.e., Claims 1-22 for continued prosecution in the above-identified patent application.

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Dated: August 3, 2004
Leslie S. Szivos, Ph.D.